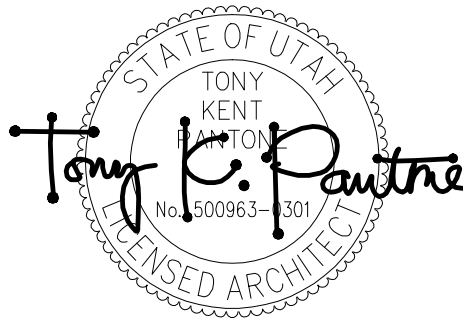# wsu - william h. miller administration building reroof
3850 university circle, ogden, utah 84408

richards
bott
architects

project team

owner:

division of facilities construction and management
4110 state office building,
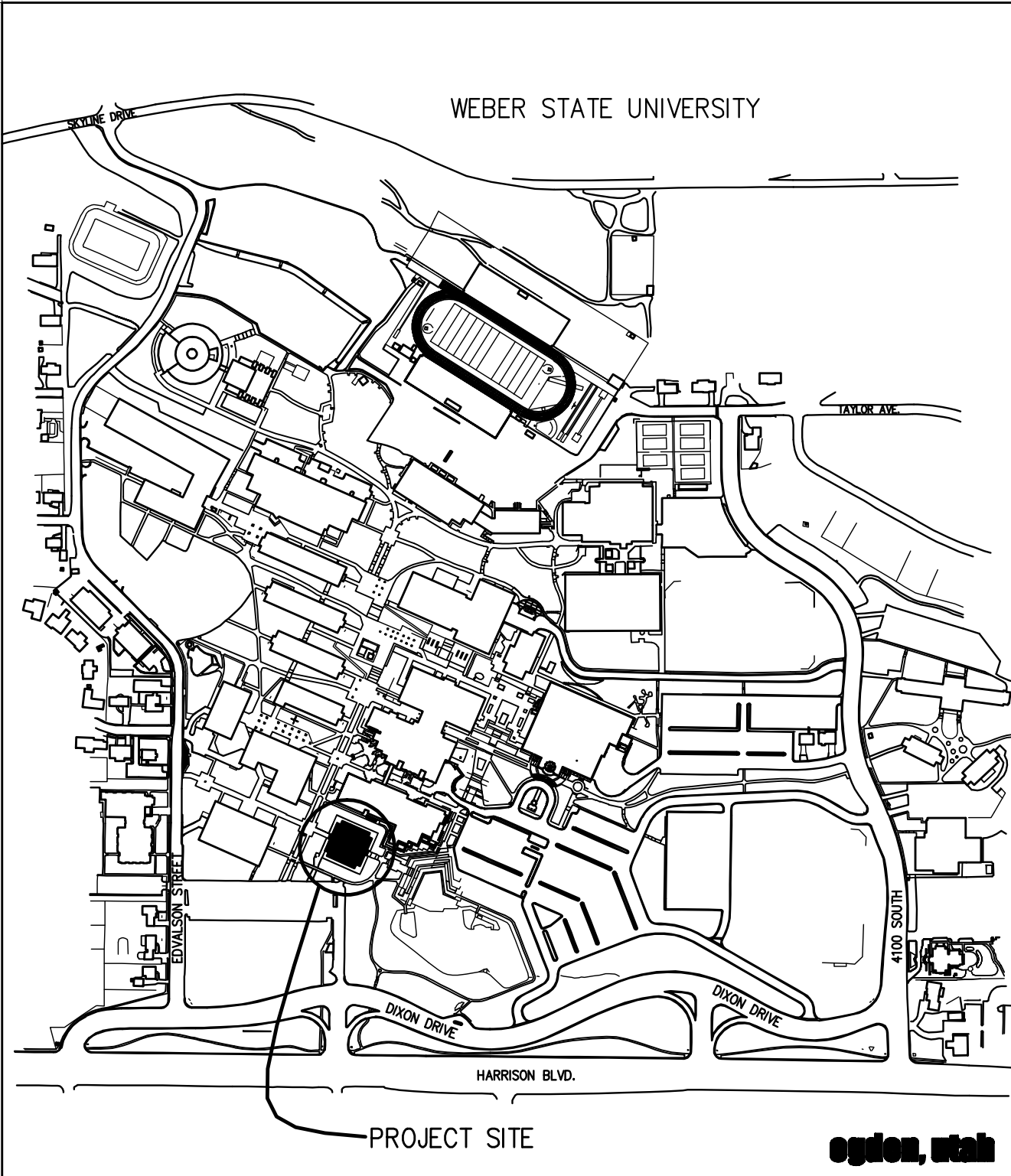salt lake city, utah 84114
801.538.3018

architect:

richards bott architects
620 24th street
ogden, utah 84401
801.394.3033

sheet index

g0.0	cover sheet / general information
a1.1	roof plan
a2.1	details

vicinity map

WEBER STATE UNIVERSITY

PROJECT SITE
HARRISON BLVD.

ogden, utah

standard symbol legend

	asphalt
	batt insulation
	ceramic tile (in elevation)
	concrete
	concrete & plaster (in elevation)
	concrete masonry units
	brick
	compacted backfill
	earth
	finish lumber
	glass

	glass (in elevation)
	gravel / rock fill
	gypsum board
	particle board
	sand, plaster, stucco & sand setting beds
	plywood
	rigid insulation
	steel
	wood framing (cont. member)
	wood framing (interrupted member)
	metal studs

building section reference
sheet reference

wall section reference
sheet reference

detail reference
sheet reference

elevation marker   100'-0" fin. fl.

elevation reference
sheet reference

room number
door designation

window designation

reflected ceiling elevation

room title
room number

abbreviations

@	at		ga	gauge	
Ø	diameter		galv	galvanized	
#	pound or number		gc	general contractor	
ab	anchor bolt		gl	glass	
act	acoustical tile		gyp bd	gypsum board	
adj	adjustable		hc	hollow case	
aff	above finish floor		hdwd	hardwood	
alum	aluminum		hdwr	hardware	
bd	board		hdrl	handrail	
bldg	building		hm	hollow metal	
bm	beam		id	inside diameter	
bot	bottom		incl	include(d) (ing)	
brg	bearing		insul	insulation	
bur	built up roofing		int	interior	
cab	cabinet		jt	joint	
cjt	control joint		max	maximum	
℄	center line		mech	mechanical	
clg	ceiling		mtl	metal	
cmu	concrete masonry units		mfr	manufacturer	
col	column		min	minimum	
conc	concrete		nic	not in contract	
constr	construction		nts	not to scale	
constr jt	construction joint		oc	on center	
cont	continuous		pl	plate	
contr	contract(or)		pl	property line	
corr	corridor		plas lam	plastic laminate	
ct	ceramic tile		plywd	plywood	
det	detail		rb	resilient base	
dim	dimension		reinf	reinforce(d) (ing)	
dn	down		rfg	roofing	
dr	door		rm	room	
ea	each		sc	solid core	
eb	expansion bolt		sch	schedule	
eifs	exterior insul fin system		sec	section	
exp jt	expansion joint		sim	similar	
elec	electrical		spec	specification	
elev	elevation		sq	square	
eq	equal		stl	steel	
equip	equipment		temp gl	tempered glass	
ewc	elec water cooler		typ	typical	
exist	existing		vct	vinyl composition tile	
ext	exterior		w/	with	
fd	floor drain		wd	wood	
fdn	foundation		wdw	window	
fecb	fire extinguisher cab		w/o	without	
fin fl	finish(ed) floor		wsct	wainscot	
ft	foot or feet				
ftg	footing				
fur	furring				

richards bott architects   620 24th street   ogden, utah 84401   phone 801.394.3033   fax 801.394.9064

set #

wsu - william h. miller
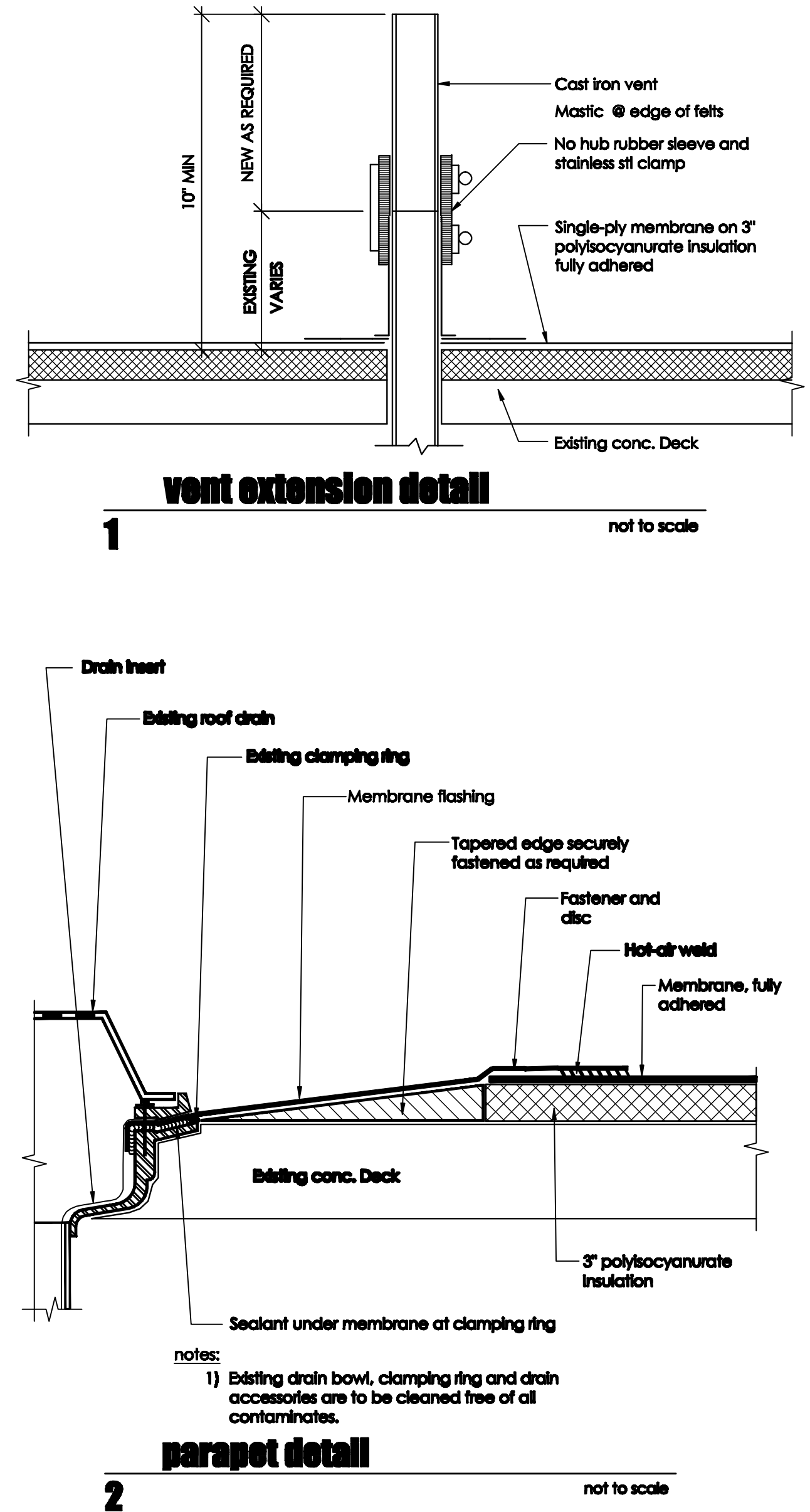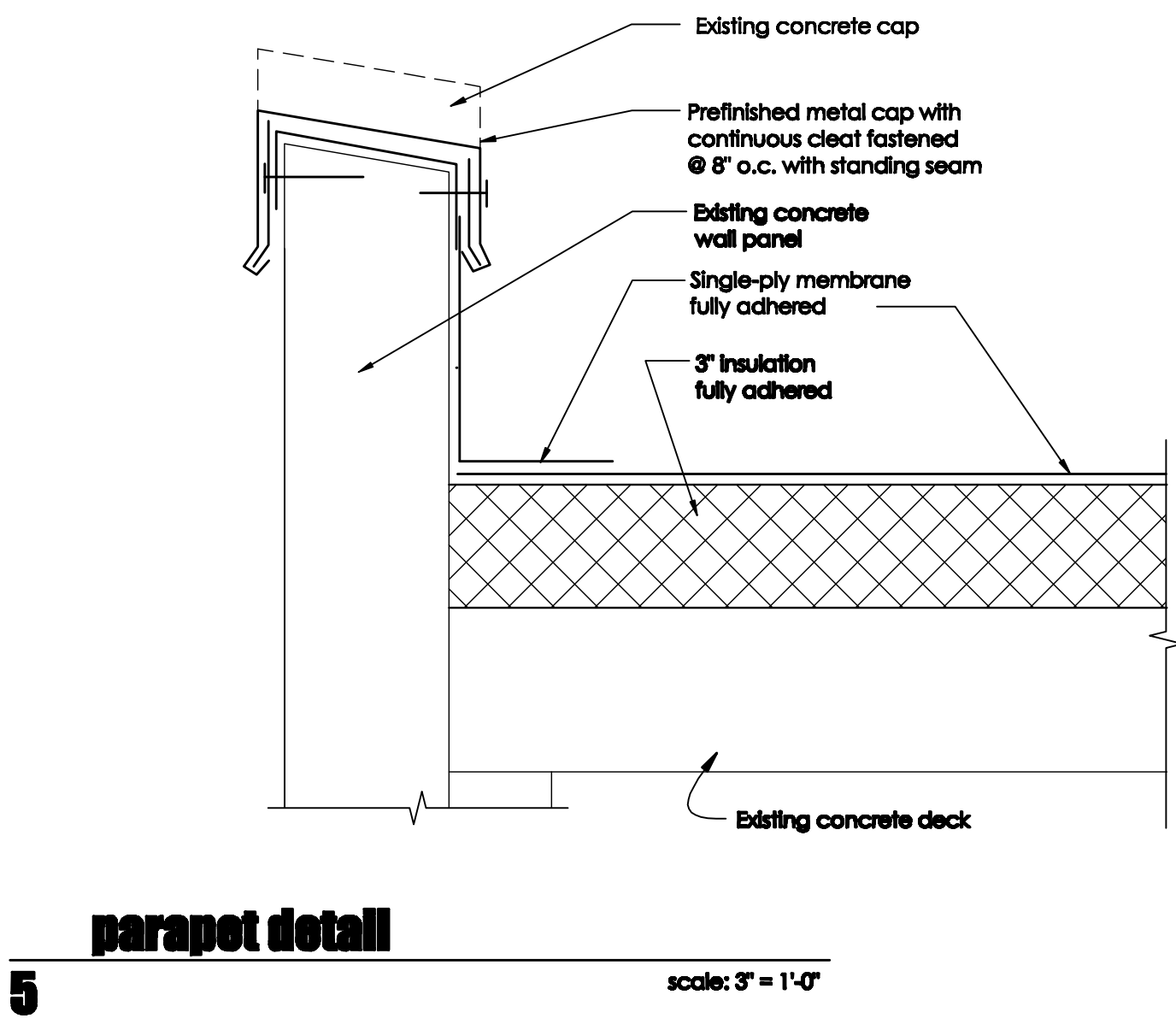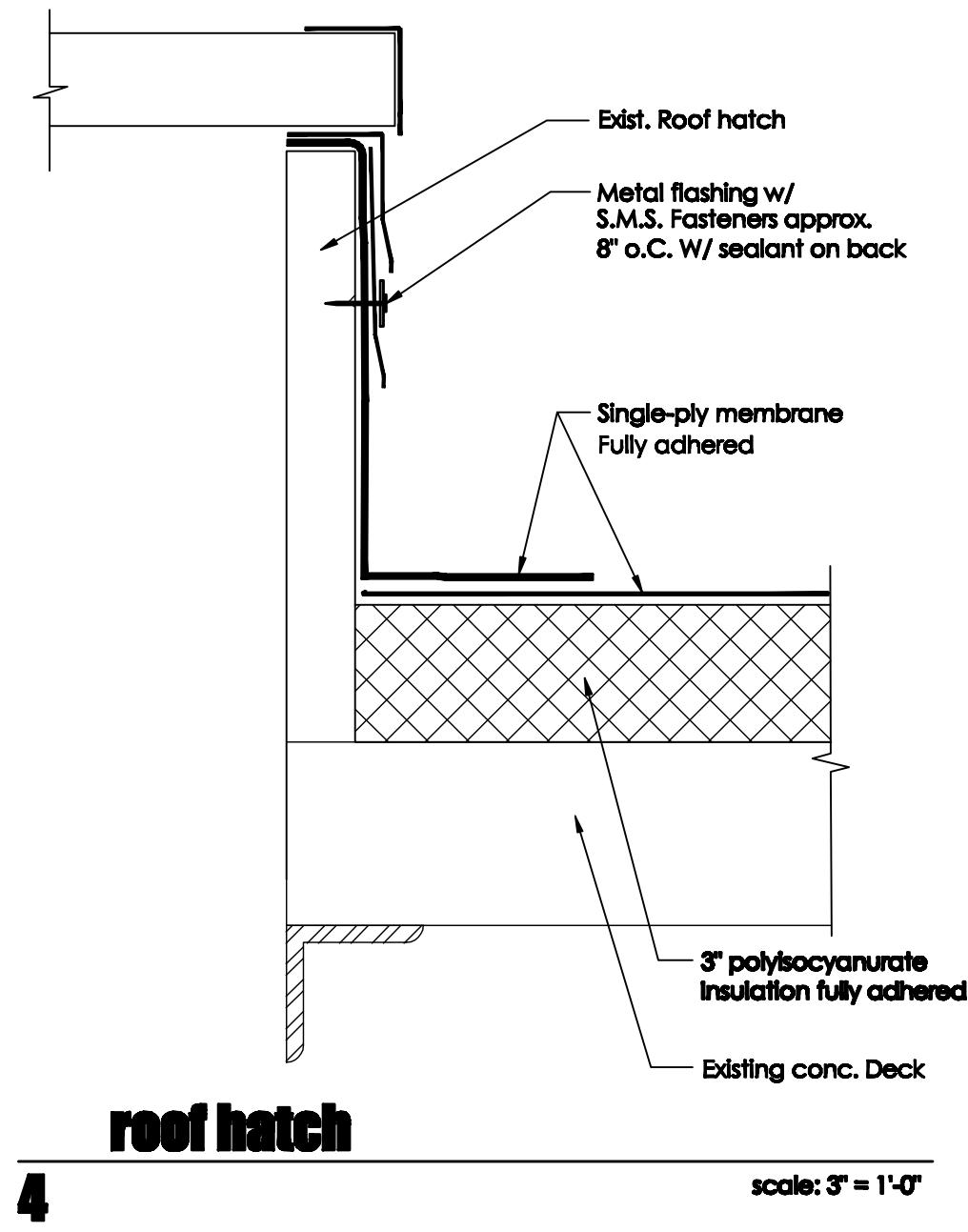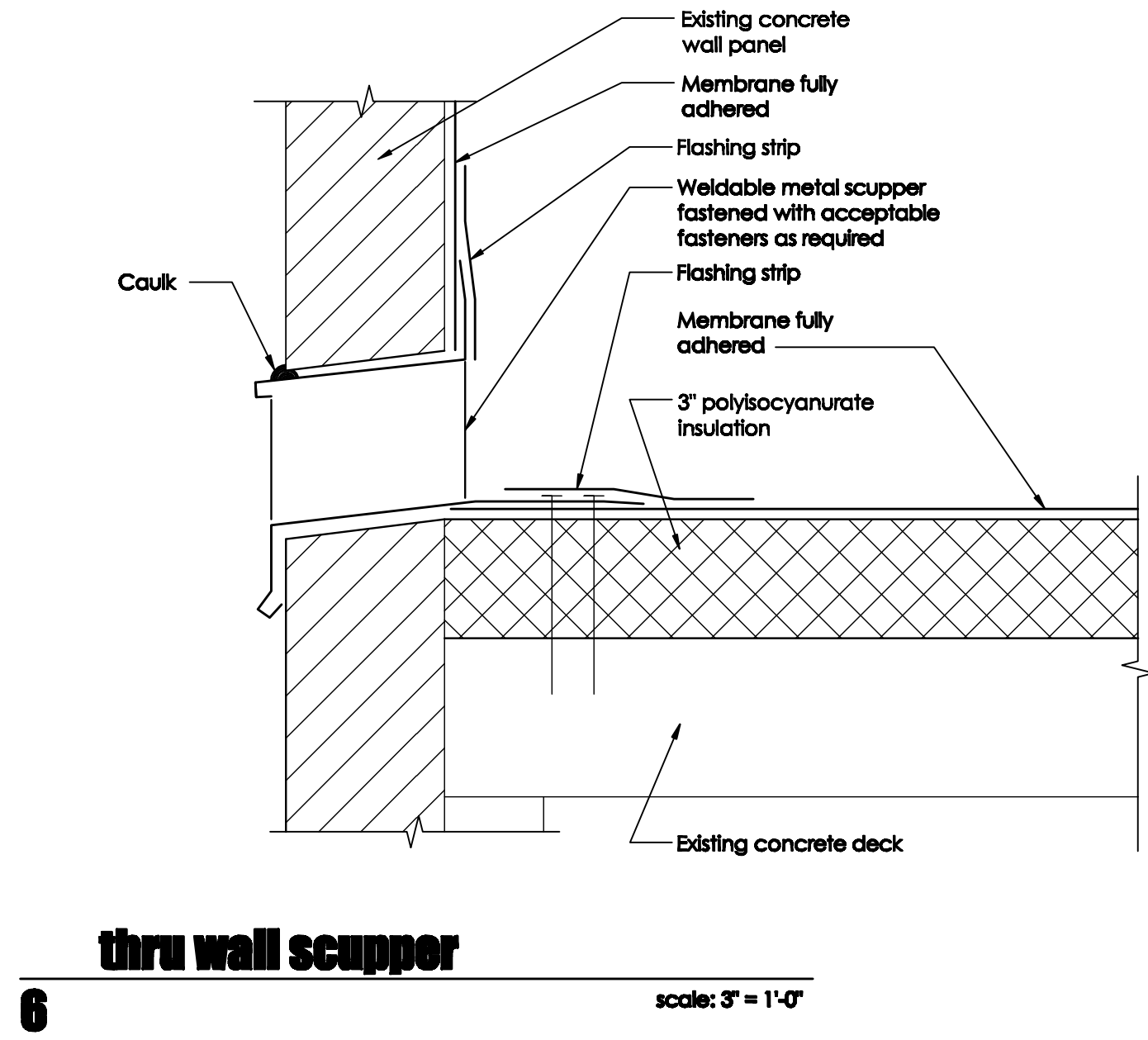administration building reroof
3850 university circle
ogden, utah 84408
project no.   0810
05.19.08

cover sheet / general information

g0.0

richards
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vent extension detail

- Cast iron vent
- Mastic @ edge of felts
- No hub rubber sleeve and stainless stl clamp
- Single-ply membrane on 3" polyisocyanurate insulation fully adhered
- Existing conc. Deck

10" MIN
NEW AS REQUIRED
EXISTING VARIES

1   not to scale

thru wall scupper

- Existing concrete wall panel
- Membrane fully adhered
- Flashing strip
- Weldable metal scupper fastened with acceptable fasteners as required
- Flashing strip
- Membrane fully adhered
- 3" polyisocyanurate insulation
- Caulk
- Existing concrete deck

6   scale: 3" = 1'-0"

roof hatch

- Exist. Roof hatch
- Metal flashing w/ S.M.S. Fasteners approx. 8" o.c. W/ sealant on back
- Single-ply membrane Fully adhered
- 3" polyisocyanurate insulation fully adhered
- Existing conc. Deck

4   scale: 3" = 1'-0"

parapet detail

- Drain insert
- Existing roof drain
- Existing clamping ring
- Membrane flashing
- Tapered edge securely fastened as required
- Fastener and disc
- Hot-air weld
- Membrane, fully adhered
- Existing conc. Deck
- 3" polyisocyanurate insulation
- Sealant under membrane at clamping ring

notes:
1) Existing drain bowl, clamping ring and drain accessories are to be cleaned free of all contaminates.

2   not to scale

parapet detail

- Existing concrete cap
- Prefinished metal cap with continuous cleat fastened @ 8" o.c. with standing seam
- Existing concrete wall panel
- Single-ply membrane fully adhered
- 3" Insulation fully adhered
- Existing concrete deck

5   scale: 3" = 1'-0"

light bracing

- Attach existing light to plate w/ 1/2" bolts
- 2 1/2"Ø pipe brace
- Existing Conc. Deck
- Plate 3"x8"x1/2" top & bottom w/ (2) 1/2"Ø x 6"
- Plate 1/2"x3"x8"
- (2) 1/2"Ø x 6" epoxy anchors

3/16"
1'-2"
1 1/2"
1 1/4"
1 1/2"
1/4"
1 1/2"
3/16"

3   scale: 3/4" = 1'-0"

details

scale : 1/8" = 1'-0"

a2.1

r ichards
b ott
a rchitects
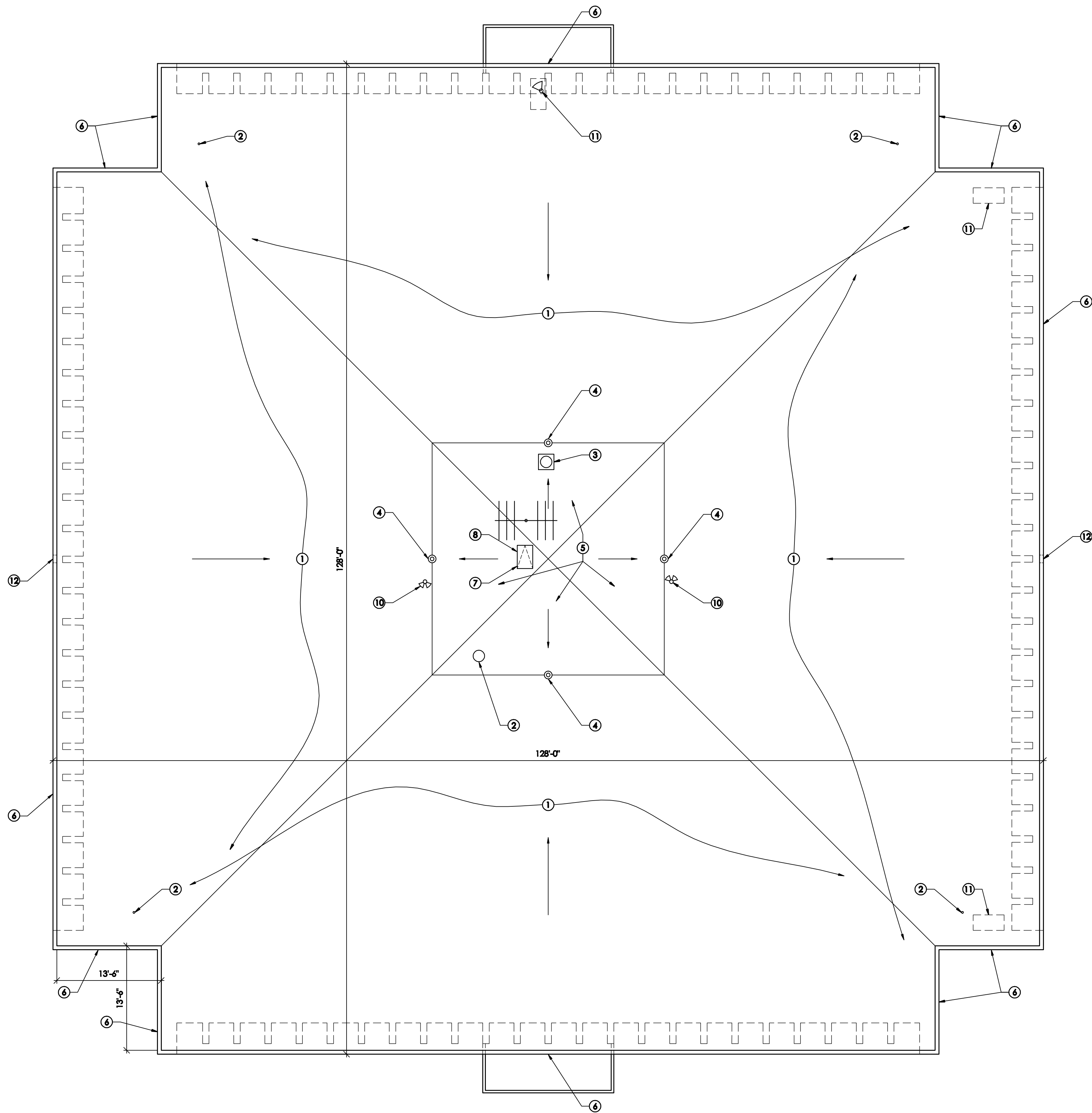
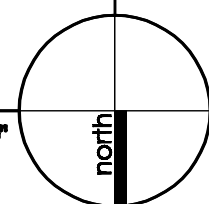richards bott architects   620 24th street   ogden, utah 84401   phone 801.394.3033   fax 801.394.9064

general notes

A. Provide all miscellaneous flashing & accessories required for a complete job. Flash all roof penetrations. Remove and reinstall all miscellaneous equipment.

B. All misc. Vents, flues, curbs etc. To meet min. Code clearance above new roof line.

C. Field verify exact sizes and dimensions.

keyed notes

1 Remove existing b.u.r. on light weight concrete deck. Existing ceiling below has fasteners penetrating the deck. Therefore carefully remove existing roof and fixing any fasteners that are damaged. Provide a 4" strip of grace ice water shield between any joints in double-t beams. Fully adhere 2 layers of 1 1/2" polyisocyanurate insulation & single-ply pvc membrane.

2 Flash existing vtr. see 1/a2.1.

3 Mechanical penthouse, remove and reinstall as required to flash existing curb, see 4/a1.1 sim.

4 Existing roof drain to be cleaned from all debris & provide single-ply membrane drain insert, see 2/a2.1.

5 Provide tapered insulated cricket to get a min. 1/4"/ft slope between drains.

6 Wrap new membrane up and over existing concrete panel. Provide a new prefinished metal cap standing seam with continuous cleat fastened at 8" o.c., see 5/a2.1.

7 Provide sign as specified mounted next to ladder on inside wall.

8 Remove existing roof hatch and provide new hinge on opposite side ladder. Flash existing curb, see 4/a2.1.

9 Existing antenna to remain. Provide new conduit penetrated through roof deck. Remove and reconnect wire.

10 Flash existing t.d.c. to remain, see 1/a2.1 sim.

11 Remove (3) existing metal pans used to mount lights. Reattach the light for the flag pole to a new light pole bracket. see 3/a2.1.

12 Saw-cut existing concrete panel and provide new scupper, see 6/a2.1.

128'-0"
128'-0"
13'-6"
13'-6"

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roof plan

scale: 1/8" = 1'-0"

north

a1.1